

## **13. ROAD CONSTRUCTION**

### **13.1 Introduction**

The CQC Consultant shall monitor and test materials used in the construction of the various roads and paved surfaces to assure compliance with Construction Drawings and Technical Specifications.

### **13.2 Subgrade Preparation**

In-place moisture/density testing by nuclear methods (ASTM D3017 and D2922) shall be performed by the CQC Consultant for all compacted fill materials. Fill placement and compaction shall be conducted in accordance with Section 02200 of the Construction Drawings and Technical Specifications. For road subgrades, nuclear moisture/density tests shall be performed at a minimum frequency of 1 test per 500 lineal ft per lift. The CQC Consultant shall monitor the Subcontractor's proofrolling of cut sections.

### **13.3 Geotextile Conformance Testing and Placement**

Conformance testing of the geotextile separator shall be in accordance with the Section 02714 of the Technical Specifications. The CQC Consultant shall monitor the Subcontractor's geotextile installation methods and procedures. The CQC Consultant shall monitor the overlapping and sewing of the geotextile seams. All holes in the geotextile shall be patched in accordance with Section 02714 of the Technical Specifications. The CQC Consultant shall monitor that the minimum overlap between adjacent geotextile panels is maintained during placement of overlying materials.